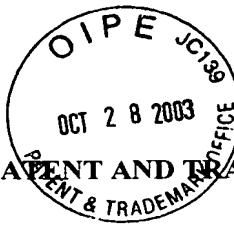


Docket No. 240963US2SRD/shb



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Shinichi NAGANO, et al.

SERIAL NO: 10/627,779

GAU:

FILED: July 28, 2003

EXAMINER:

FOR: WEB SERVICE COORDINATION PLAN CREATING APPARATUS, WEB SERVICE COORDINATION PLAN CREATING METHOD, AND PROGRAM AND RECORDING MEDIUM

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

- ☒ The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- ☐ Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application. A copy of the patent(s), together with a copy of the claims and drawings of the pending application(s) is attached along with PTO 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

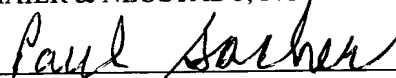
- ☐ Each item of information contained in this information disclosure statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.


Marvin J. Spivak

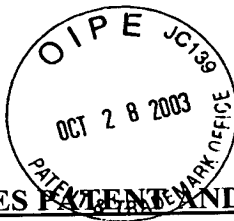
Registration No. 24,913

Customer Number

22850

Tel. (703) 413-3000
Fax. (703) 413-2220
(OSMMN 05/03)

Paul Sacher
Registration No. 43,418



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF:

Shinichi NAGANO, et al.

SERIAL NO: 10/627,779

GROUP:

FILED: July 28, 2003

EXAMINER:

FOR: WEB SERVICE COORDINATION PLAN CREATING APPARATUS, WEB
SERVICE COORDINATION PLAN CREATING METHOD, AND PROGRAM
AND RECORDING MEDIUM

STATEMENT OF RELEVANCY

Reference AW on Form 1449:

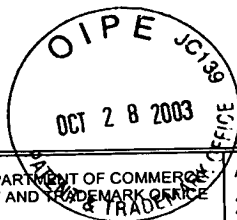
This reference discloses BPEL4WS is a typical description language of interactions between web services. Conditional information for selecting a web services to be called should be included in interactions in BPEL4WS. Thus, the interactions are fixed on a design phase.

Reference AX on Form 1449:

This reference discloses DAML-S which is a description language of a web service definition. It includes two attributes, precondition and effect (postcondition). These are conditional information.

Reference AY on Form 1449:

This reference discloses matchmaker which is a search engine for web services, retrieving web service definitions described in DAML-S. However, it does neither plan a combination of web services, nor use two attributes, precondition and effect (postcondition) in DAML-S.

Form PTO 1449
(Modified)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY DOCKET NO.
240963US2SRDSERIAL NO.
10/627,779

LIST OF REFERENCES CITED BY APPLICANT

APPLICANT
Shinichi NAGANO, et al.FILING DATE
July 28, 2003

GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	AO					
	AP					
	AQ					
	AR					
	AS					
	AT					
	AU					
	AV					

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

	AW	F. CURBERA, et al., IBM, Microsoft, Bea Systems, 42 pages, "BUSINESS PROCESS EXECUTION LANGUAGE FOR WEB SERVICES, VERSION 1.0", July 31, 2002				
	AX	A. ANKOLEKAR, et al., The First International Semantic Web Conference, pages 348-363, "DAML-S: WEB SERVICE DESCRIPTION FOR THE SEMANTIC WEB", 2002				
	AY	M. PAOLUCCI, et al., The First International Semantic Web Conference, pages 333-347, "SEMANTIC MATCHING OF WEB SERVICES CAPABILITIES", 2002				
	AZ				<input type="checkbox"/> Additional References sheet(s) attached	

Examiner

Date Considered

*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.